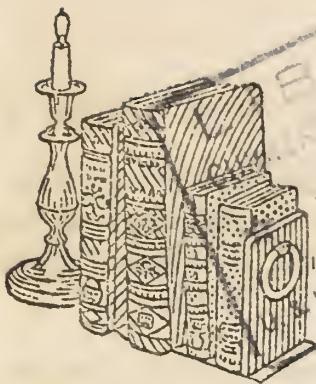


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"Ideas are the things that brought us out of the jungle;  
Language is the vehicle by which ideas are conveyed;  
Print is the invention by which language is preserved;  
Libraries are the power plants where ideas in printed  
language are kept ready for your use and mine."  
--Judson T. Jennings.

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BOOKS RECENTLY RECEIVED

HYDRAULICS AND ITS APPLICATION, by A. H. Gibson. Van Nostrand, 1948. 4th ed. Reprinted. 80lp. 290 G35 Ed.4

This book is divided into three parts: Physical properties of water--hydrostatics, Hydraulics, and Hydraulic machinery. Some of the subjects treated are modes of motion of a fluid, hydrodynamical resistance, Bernoulli's theorem, flow from a small orifice, large orifices, pipe flow, pipe line losses, flow in an open channel, impact of jets on fixed vanes, various turbines, pumps, presses.

PLOWSHARES INTO SWORDS: AGRICULTURE IN THE WORLD WAR AGE, by A. P. Chew. Harper, 1948. 227p. 281 C42

In his foreword, Henry C. Taylor said, "In this book Arthur Chew develops the thesis that wars arise as a result of the struggle between industrial nations in their effort to maintain connections with enough farms to provide the food and raw materials essential to the prosperity of the industrial population," and "the great service this book should render is in stimulating large numbers of citizens as well as statesmen throughout the world to study the economic significance of political frontiers and the character of the economic forces which give rise to international conflicts which lead to war."

STONE MULCHING IN THE GARDEN, by J. I. Rodale. Rodale Press, 1949. 164p.  
57.1 R61

In part one, Mr. Rodale gives us his ideas about the use of rocks as mulch under trees and in vegetable gardens plus the thoughts of others as gleaned from his reading and correspondence. Part two is written by several people, each telling of his experience in using stone mulch.

TITANS OF THE SOIL: GREAT BUILDERS OF AGRICULTURE, by E. J. Dies. Univ. of North Carolina Press, 1949. 213p. 119 D563

In this book we find sketched "in broad outline the lives and work of a selected group of men, each of whom, in his own way, made a priceless and enduring contribution to the advancement of our agriculture and, in many instances, to world agriculture."

NOTE: The books listed above were secured as a gift from our Lincoln Branch when it was closed the first of May.

#### PERIODICAL NOTES

The Branch Library can use extra current copies of periodicals like Agronomy Journal, Soil Science, etc. if you would care to contribute them, to help speed up circulation, rather than discard them.

The following periodicals have recently been added to our list:

The Organic Farmer. Monthly.

Sub-title: Farming without chemicals.

Research Hi-Lites. Monthly.

Issued by Northern Rocky Mountain Forest and Range Experiment Station, this publication will digest and bring to forest and range managers results of current research and descriptions of advanced practices.

Southwestern Crop and Stock. Monthly.

A journal devoted to the farmers, stockmen and agricultural interests of the great southwest.

If you wish to see any of these regularly, let us know.

#### SELECTED BULLETINS

##### Agronomy

"Cool Season Grasses for North-Central Texas," by D. I. Dudley. Tex. Agr. Expt. Sta. Misc. Pub. 53. 1950. 2p. 100 T31M 53

"Crop Rotation and Tillage Experiments at the North-Platte (Nebr.) Substation 1907-34," by L. L. Zook and H. E. Weakly. USDA Tech. Bul. 1007. 1950. 78p. 1 Ag84Te 1007

"Experiments with Guar in Texas," by L. E. Brooks and C. Harvey. Tex. Agr. Expt. Sta. Cir. 126. 1950. 10p. 100 T31S

"Warm Season Grasses for North-Central Texas," by D. I. Dudley. Tex. Agr. Expt. Sta. Misc. Pub. 52. 1950. 2p. 100 T31M 52

##### Diseases of Plants

"Anthracnose of Cereals and Grasses," by G. W. Bruchl and J. G. Dickson. USDA Tech. Bul. 1005. 1950. 37p. 1 Ag84Te 1005

"Market Diseases of Fruits and Vegetables: Peaches, Plums, Cherries and Other Stone Fruits," by D. H. Rose and others. USDA Misc. Pub. 226. Revised 1950. 27p. 1 Ag84M 228

Feeds and Feeding

- "Feed Statistics, including Wheat-Rye-Rice." USDA Statistical Bul. 85. 1949. 92p. 1 Ag84S 85
- "Growing Root Crops for Livestock," by H. L. Westover and others. USDA Farmers' Bul. 1699. 12p. Revised 1950. 1 Ag84F 1699
- "A Look At the Protein Situation for Livestock." BAE, 1950. 13p. 1.941 L6F22 76

Flies

- "Fly Control on Dairy Cattle and in Dairy Barns." USDA Leaflet 283. 1950. 1 Ag84L 283
- "Horn Flies: Enemies of Cattle." USDA Leaflet 270. 1950. 1 Ag84L 270

Forestry

- "Chemical Thinning of Young Stagnating Lodgepole Pine Stands," by D. I. Crossley. Canada. Forest Research Division. Silvicultural Leaflet 42. 1950. 2p. 99.9 C16S 42
- "Field Signs for Demonstration Areas," by E. S. Atkins. Canada. Forest Research Division. Silvi. Leaflet 43. 1950. 2p. 99.9 C16S 43
- "Growth Response of a 17-Year-Old Loblolly Pine Plantation in Southern Illinois to Different Degrees of Thinning," by W. R. Boggess and R. W. Lorenz. Ill. Agr. Expt. Sta. Forestry Note 15. 1950. 1p. 99.9 IL62 15

Insect Pests

- "Control of California Red Scale in the Lower Rio Grande Valley," by G. P. Wenc. Tex. Agr. Expt. Sta. Progress Report 1238. 1950. 3p. 100 T31P
- "The Control of Insect Pests of Watermelons and Other Curcubits," by R. R. Walton. Okla. Agr. Expt. Sta. Mimeo. Cir. 197. 1950. 4p. 100 Ok41
- "A Comparison of Sprays and Dusts for Control of Cotton Insects," by F. A. Fenton. Okla. Agr. Expt. Sta. Mimeo. Cir. 200. 1950. 8p. 100 Ok41

Pastures

- "Southeast Oklahoma Pasture-Fertility Research Station: Progress Report, 1945-1949," by H. J. Harper and others. Okla. Agr. Expt. Sta. Bul. 348. 1950. 100 Ok4B 348
- "Year-Round Use of Land for Grazing Grade Steers in the Tennessee Valley," by Fred Stewart and others. Ala. Agr. Expt. Sta. Progress Report Scr. 43. 1950. 6p. 100 AL1P 43

Soil and Water Conservation

- "Conservation, Please." The Garden Club of America, 1950. 127p. Questions and answers on conservation subjects. The "88 questions probably represent as good a cross-section of what the average informed layman would like to know about conservation as could be obtained anywhere."
- "Factors Involved in Soil Deterioration and Improvement," talk by B. T. Shaw, ARA, June 22, 1949, before Agricultural Research Policy Committee. 10p.

- "For Insurance Against Drought--Soil and Water Conservation," by Tom Dale. USDA Farmers' Bul. 2002. 1950. 21p. 1 Ag84F
- "Soil and Water Conservation Research at the Red Plains Conservation Experiment Station, Guthrie, Oklahoma," by H. A. Daniel and others. Okla. Agr. Expt. Sta. Mimeo. Cir. 195. 1950. 10p. 100 Ok4M
- "Soil and Water Conservation Research at the Wheatland Conservation Experiment Station, Cherokee, Oklahoma," by H. A. Daniel and others. Okla. Agr. Expt. Sta. Mimeo. Cir. 196. 1950. 9p. 100 Ok4M
- "Streambank Erosion Control on the Winooski River, Vermont," by F. C. Edminster and others. USDA Cir. 837. 1949. 54p. 1 Ag84C 837
- "Taming Runaway Waters," by C. W. Gee. USDA AIS-85. 1950. 16p. 1 Ag84Ai
- Weed and Brush Control
- "Chemical Weed Control," by D. A. Hinkle and others. Ark. Agr. Expt. Sta. Mimeo. Ser. 2. 1950. 8p. 100 Ar42M
- "Effective Control of Tough, Stubborn Weeds and Woody Growth with Dow-Esteron 44 and Dow Esteron 245." Dow Chemical Company.
- "Recent Developments in the Chemical Control of Brush on Texas Ranges," by V. A. Young and others. Tex. Agr. Expt. Sta. Bul. 721. 1950. 18p. 100 T31S 721
- Miscellaneous
- "Ecology and the Social Sciences as Safeguards for Programmes of Technical Aid to Underdeveloped Areas," paper by J. P. Shea read before Joint Session, AIAS, and Acad. of World Economics, N.Y., Dec. 28, 1949.
- "Efficient Use of Fertilizers," edited by Vladimir Ignatieff. FAO Agr. Ser. 9. 1949. 182p. 28 F73 9
- "Mechanical Drying of Corn on the Farm," by C. K. Shedd. USDA Cir. 839. 1950. 26p. 1 Ag84C 839
- "Methods of Harvesting Grass Silage in Northeastern Pennsylvania," by J. W. Birkhead. BAE F.M. 75. 1950. 32p. 1.941 L6F22
- "Relative Resistance of Parent and Progeny Varieties of Saccharum, Erianthus, and Sorghum to Inversion of Sucrose in the Southern United States," by J. I. Lauritzen and G. E. Sartoris. USDA Tech. Bul. 1006. 1950. 25p. 1 Ag84Te 1006
- "Some Economic Aspects of Farming in Alaska With Chief Attention to the Matanuska Valley (Progress Report)." BAE F.M. 74. 1950. 89p. 1.941 L6F22
- "Storing Sorghum Grain in South Texas," by M. G. Davenport and others. Tex. Agr. Expt. Sta. Progress Report 1240. 1950. 6p. 100 T31P 1240
- "Trailer Method of Drying Chopped Alfalfa Hay," by C. M. Hohn and J. W. Sorenson. Tex. Agr. Expt. Sta. Progress Report 1237. 1950. 4p. 100 T31P



